



TULSA POLICE DEPARTMENT ENHANCES OFFICER MOBILITY AND EFFICIENCY WITH PANASONIC AND SPRINT

PATROL OFFICERS STRENGTHEN E-TICKETING AND INFORMATION ACCESS USING PANASONIC TOUGHBOOK U1s AND PDRCs WITH EMBEDDED SPRINT MOBILE BROADBAND.

As the second-largest municipal law enforcement agency in Oklahoma, with approximately 750 sworn officers, the Tulsa Police Department protects nearly 400,000 citizens across an area of 187 square miles. The department recently determined that its patrol officers' computing and communications technology was ill-equipped to serve such a large community.

Three major changes needed to be made. At the forefront, the department wanted to equip its officers with ultra-portable computers, as their current devices were bulky and permanently mounted in the vehicles. The IT department was also jumpstarting an e-ticketing project and wanted to find a device that would easily integrate with the new software. Finally, Tulsa PD needed to improve the speed of its wireless network to maximize productivity and provide consistent Internet access for officers across the city.

After an extensive testing period, it became clear to Tulsa PD that Panasonic Solutions Company and Sprint offered the best solution for its needs.

Making the Move to Next Generation Rugged Handhelds

After working closely with Panasonic and Sprint to find the right technologies for their specific requirements, Tulsa PD decided to use two complementary products—the Panasonic Toughbook® U1 and the Permanent Display Removable Computer (PDRC)—as an in- and out-of-vehicle computing solution. The Toughbook U1 is an extremely rugged handheld computer with a 5.6" sunlight-viewable touchscreen and full keyboard. The U1 seamlessly connects to the PDRC, which combines a vehicle-mounted display and full-functioning keyboard for heightened capabilities inside police vehicles.



Toughbook U1

Customized Wireless Services and Security

Wireless connectivity was also a key factor in selecting the Toughbook U1s. The device's embedded wireless technology accesses the Sprint 3G network, providing a strong signal for officers to obtain images, file reports and utilize eCitation software from regions that used to be dead zones. Sprint's 3G network offers much faster speeds than Tulsa PD's previous wireless provider, helping officers transfer critical information quickly and complete more tasks during each shift.

LEARN MORE:

1.888.357.1107 OR PANASONIC.COM/TOUGHBOOK/LAWENFORCEMENT



CHALLENGE

Equip police officers with ultra-portable computers and eliminate the bulky, permanently mounted laptops from patrol vehicles; jumpstart a citywide e-ticketing project and upgrade a slow wireless network for reliable Internet access by officers.

SOLUTION

Officers received the ultra-mobile-rugged Toughbook U1 with a full Windows OS, Brazos eCitation software, barcode scanner and embedded Gobi™ mobile broadband accessing the Sprint 3G network. Vehicles were equipped with a Toughbook Permanent Display Removable Computer (PDRC).

RESULT

Tulsa police officers now have a complete in- and out-of-vehicle computing solution for issuing eCitations, communicating from anywhere in the Tulsa area, accessing information quickly and keeping their data safe and secure.

**TOUGHBOOK
FOR A TOUGHWORLD™**

TOUGHBOOK®





**PATROL OFFICERS
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The Toughbook® U1s run a full Windows® operating system, allowing officers to use Brazos eCitation software. This software allows an officer to barcode-scan a driver's license on the scene and Bluetooth® the information to a printer. The software reduces the amount of time and effort spent on traffic stops while capturing information quickly and accurately.

The PDRC provides Tulsa PD officers with an optimal setup for writing detailed reports and accessing information on a larger touchscreen display. According to Corporal Will Dalsing, "The first thing we noticed about the PDRC devices was the screen brightness, especially for daytime use. Officers simply dock the Toughbook U1 in their vehicle to pull up the screen on their PDRC, which has made it easy for our officers to choose which device they'd like to work from."

"We were able to file reports in 30 seconds that used to take as long as 30 minutes, so officers can promptly finish their tasks and get back to patrolling the neighborhood," said Matt Parker, IT manager for the City of Tulsa. "In addition, we're rolling out a Toughbook Arbitrator™ in-car digital video solution, and plan to share real-time video with dispatchers using the network. Sprint's network provides us with the speed and coverage to make that possible."



Maintaining rigorous security is essential for the department's communications, so it utilized Sprint Data Link™ to encrypt all mobile broadband data transfers. Providing VPN access on Tulsa PD's network, Sprint Data Link gives patrol officers an experience equivalent to being plugged in to a wired connection back at the station. It works by creating a highly secure, proprietary network to funnel data sent between the officers' mobile computers and Tulsa PD servers through Sprint's own servers. This process is conducted instantaneously, and allows Tulsa PD to layer its own security network on top, as well as enforce its own Internet policies.

Immediate Results

Deploying Toughbook computers with Sprint wireless solutions solved three immediate needs for the Tulsa PD by replacing immobile computers, supporting robust Brazos eCitation software and enhancing wireless connectivity.

Corporal Will Dalsing of the Tulsa PD has seen these results firsthand: "The Toughbook U1 and PDRC is a highly effective combination giving officers more flexibility in how they work, and Sprint helps us communicate efficiently from virtually anywhere in the Tulsa area. Working with Panasonic and Sprint showed us that they understand the needs of public safety, and used that experience to help our patrol officers get the job done and focus their energy on keeping our streets safe."

For More Information

To learn more about the solutions Tulsa PD is using to better protect its community, please visit:

- www.toughbook.com
- www.sprint.com

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